# Task-1

# **Directory**

```
mdfah@Mohamed_Faheem MINGW64 ~ (main)
$ mkdir Cognizance
mkdir: cannot create directory 'Cognizance': File exists

mdfah@Mohamed_Faheem MINGW64 ~ (main)
$ cd Cognizance
```

# Checkout, echo, init, add:

```
mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (main)
$ git checkout -b master
Switched to a new branch 'master'

mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ echo "# Cognizance" >> README.md

mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git init
Initialized empty Git repository in C:/Users/mdfah/Cognizance/.git/

mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git add README.md
warning: LF will be replaced by CRLF in README.md.
The file will have its original line endings in your working directory
```

### Commit -m ,branch -M , remote add origin :

```
mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git commit -m "first commit"
[master (root-commit) c4c728b] first commit
1 file changed, 1 insertion(+)
create mode 100644 README.md

mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git branch -M main

mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (main)
$ git remote add origin https://github.com/MohamedFaheemM/Cognizance.git
```

### Config –global, status, add, commit -a:

```
ndfah@Mohamed_Faheem MINGW64 ~/Cognizance (main)
$ git config --global user.name "Mohamed Faheem M"
mdfah@Mohamed Faheem MINGW64 ~/Cognizance (main)
$ git config --global user.email "mdaheempasha@gmail.com"
mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (main)
$ git remote -v
origin https://github.com/MohamedFaheemM/Cognizance.git (fetch)
origin https://github.com/MohamedFaheemM/Cognizance.git (push)
mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.
nothing to commit, working tree clean
  mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (main)
  $ git checkout -b master
  Switched to a new branch 'master'
  mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
  $ git status
  On branch master
  nothing to commit, working tree clean
   mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
  $ touch Task-1
   mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
  $ git add Task-1
   mdfah@Mohamed Faheem MINGW64 ~/Cognizance (master)
  $ git commit
  Aborting commit due to empty commit message.
  mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
  $ git commit
  Aborting commit due to empty commit message.
   mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
  $ git commit -a
  Aborting commit due to empty commit message.
```

### Fetch, clone, merge, reset, rebase:

```
ndfah@Mohamed Faheem MINGW64 ~/Cognizance (master)
$ git fetch https://github.com/MohamedFaheemM/Cognizance.git
From https://github.com/MohamedFaheemM/Cognizance
                                -> FETCH HEAD
 * branch
                     HEAD
mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git fetch --all
Fetching origin
mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git clone https://github.com/MohamedFaheemM/Cognizance.git
Cloning into 'Cognizance'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
     mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
     $ git merge main
     Already up to date.
       mdfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
      $ git commit
      Aborting commit due to empty commit message.
      dfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
       git reset
     ndfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
    $ git commit
     [master f94e8c5] This is to commit changes
     1 file changed, 0 insertions(+), 0 deletions(-)
     create mode 100644 Task-1
      ndfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
     $ git rebase
     Current branch master is up to date.
```

# Config -list -show-origin:

```
file:.git/config
                     core.logallrefupdates=true
file:.git/config
                     core.symlinks=false
file:.git/config
                     core.ignorecase=true
                     remote.origin.url=https://github.com/MohamedFaheemM/Cognizance.git
file:.git/config
                     remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
file:.git/config
file:.git/config
file:.git/config
file:.git/config
                     branch.main.remote=origin
                    branch.main.merge=refs/heads/main
                    branch.master.remote=origin
file:.git/config
                     branch.master.merge=refs/heads/master
```

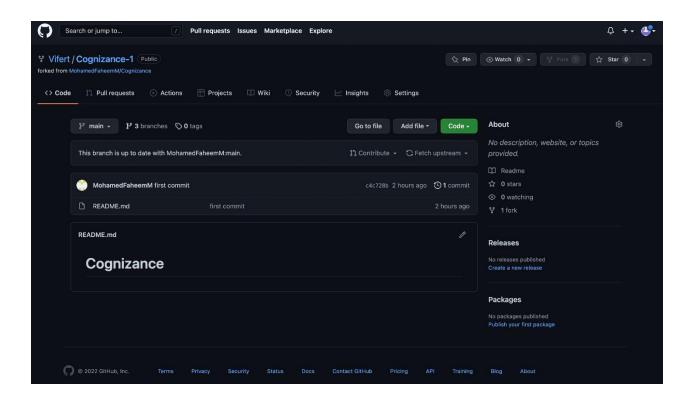
(END)

# Config -list -show-scope

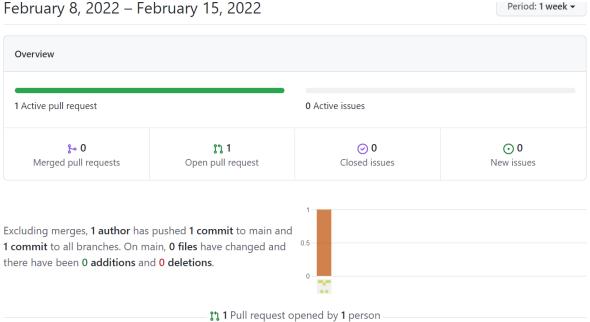
```
ndfah@Mohamed_Faheem MINGW64 ~/Cognizance (master)
$ git config --list --show-scope
system diff.astextplain.textconv=astextplain
system filter.lfs.clean=git-lfs clean -- %f
system filter.lfs.smudge=git-lfs smudge -- %f
system filter.lfs.process=git-lfs filter-process
system filter.lfs.required=true
system http.sslbackend=openssl
system http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
system core.autocrlf=true
system core.fscache=true
system core.symlinks=false
system pull.rebase=false
system credential.helper=manager-core
system credential.https://dev.azure.com.usehttppath=true
system init.defaultbranch=master
global user.name=Mohamed Faheem M
global user.email=mdaheempasha@gmail.com
global filter.lfs.required=true
global filter.lfs.clean=git-lfs clean -- %f
global filter.lfs.smudge=git-lfs smudge -- %f
:...skipping...
system diff.astextplain.textconv=astextplain
system filter.lfs.clean=git-lfs clean -- %f
system filter.lfs.smudge=git-lfs smudge -- %f
system filter.lfs.process=git-lfs filter-process
system filter.lfs.required=true
system http.sslbackend=openssl
system http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
system core.autocrlf=true
system core.fscache=true
system core.symlinks=false
system pull.rebase=false
system credential.helper=manager-core
system credential.https://dev.azure.com.usehttppath=true
system init.defaultbranch=master
global user.name=Mohamed Faheem M
global user.email=mdaheempasha@gmail.com
global filter.lfs.required=true
```

```
global user.name=Mohamed Faheem M
global user.email=mdaheempasha@gmail.com
global filter.lfs.required=true
global filter.lfs.clean=git-lfs clean -- %f
global filter.lfs.smudge=git-lfs smudge -- %f
global filter.lfs.process=git-lfs filter-process
local core.repositoryformatversion=0
local
       core.filemode=false
local core.bare=false
       core.logallrefupdates=true
local
local
       core.symlinks=false
local
       core.ignorecase=true
local remote.origin.url=https://github.com/MohamedFaheemM/Cognizance.git
local remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
local
       branch.main.remote=origin
local
       branch.main.merge=refs/heads/main
local
       branch.master.remote=origin
local
       branch.master.merge=refs/heads/master
(END)
```

# git fork



#### February 8, 2022 – February 15, 2022



11 Create Creating\_Fork #1 opened 1 minute ago

